

# California OES Weather Threat Briefing

Tuesday, December 28, 2021  
9:00 AM PST

**Day 1 (Tuesday):** Travel impacts expected across the north, as snow and very cold conditions will continue across portions of interior CA. Snow accumulations will be possible in the Northern Sacramento Valley Tuesday into Tuesday night, mainly north of Red Bluff.

National Weather Service

*Western Region Headquarters  
Regional Operations Center  
Salt Lake City, UT*



# **WEATHER KEY POINTS**

**12/28/21 - 01/03/22**

## **Tuesday - Thursday**

- Snow will continue across portions of Interior CA. Snow levels will continue to lower from north to south through Tuesday.
  - Snow levels will range from either side of 500 feet across far northern California to between 1,500 and 2,500 feet over the Sierra. Significant travel impacts are likely.
  - Snow accumulations possible in the Northern Sacramento Valley Tuesday into Tuesday night, mainly north of Red Bluff
- Rain will spread south again across Southern CA Wed-Thu
  - Rainfall rates are expected to remain below burn scar thresholds, but minor flooding is possible in poorly drained areas, mudslides and rockslides are possible along some mountain roadways.
  - Peak rainfall rates of 0.50-0.75" per hour possible Wednesday into Wednesday night.
- The lower Central/Southern Sierra foothills and San Joaquin Valleys may see a few more snow showers Wednesday, with rain also expected across southern California valleys mid to late week.
- Colder than typical temperatures are expected through much of the upcoming work week and into the new year, with nighttime temperatures remaining 10 to 20 degrees below normal throughout the week.

## **Friday - Monday**

- Another front will bring in additional Sierra snow showers and Southern CA rain showers ahead of drier and continued cooler than normal temperatures for the weekend into early next week across CA.
- Astronomical high tides late in the week are some of the highest of the year with tides peaking near 8.81 feet at Humboldt Bay on Sunday January 2nd and Monday January 3rd. This combined with strong south winds along the coast could bring significant coastal flooding to areas around Humboldt Bay and possibly on the open coast as well.



# CALIFORNIA WEATHER IMPACTS

12/28/21 - 01/03/22

<u>Hazards / Day</u>	TUE	WED	THU	FRI	SAT	SUN	MON
<b>Non-Thunderstorm Damaging Winds</b>							
<b>Snow</b>	All Regions	Inland					Coastal
<b>Coastal Flooding</b>						North Coast	North Coast
<b>River Flooding</b>							
<b>Thunderstorms</b> (Wind / Hail / Tornadoes)							
<b>Fire Weather</b> (Low Humidity / Wind / Dry Thunderstorms)							
<b>Heat Risk</b>							
<b>Heavy Rain/Flash Flooding/ Debris Flow</b>		Coastal/ Inland					
<b>Cold</b>	All	All	All	All	All	All	All



No Impacts



Minimal Impacts



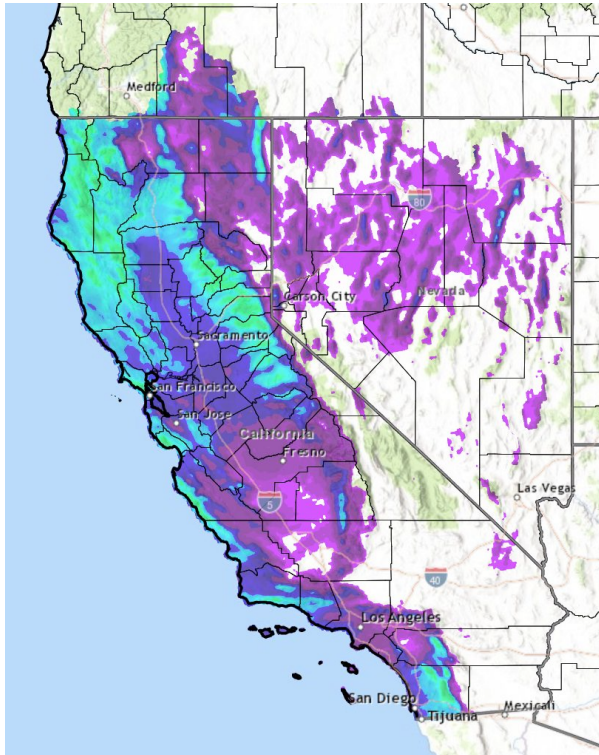
Moderate Impacts



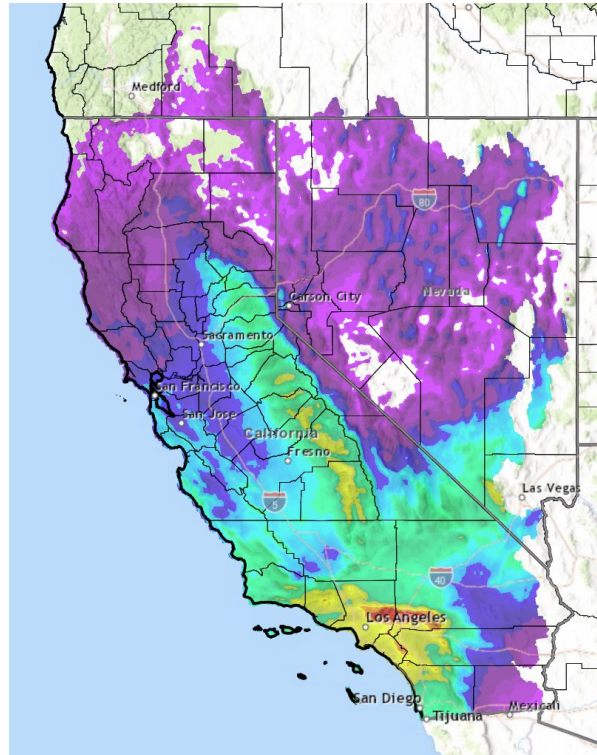
Severe Impacts

# PRECIPITATION FORECAST

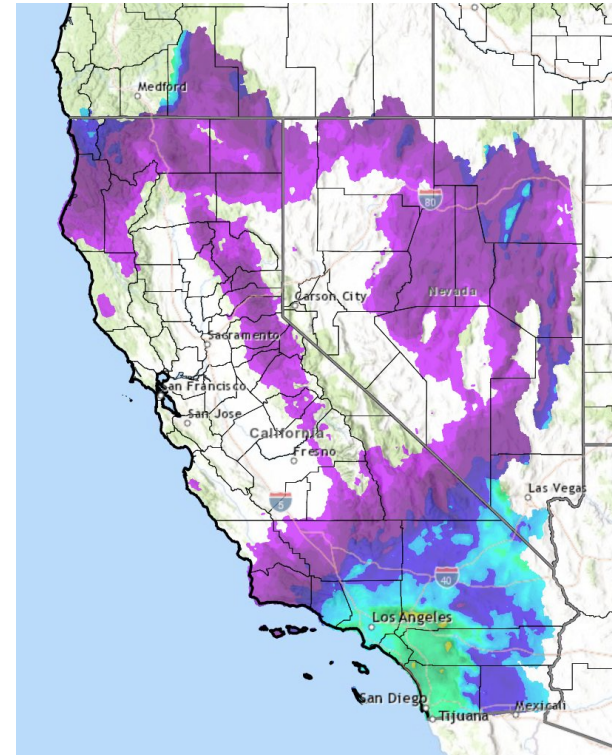
12/28/21 - 12/30/21



**Tuesday**



**Wednesday**



**Thursday**

**Note:** Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

**Precipitation (inches)**



# **WEATHER OUTLOOK**

**01/02/21 - 01/10/22**

## **6-10 Day Outlook (January 2 – January 6)**

### **Temperatures**

- Likely below normal temperatures, with the strongest signal across Southern CA

### **Precipitation**

- Leaning toward above normal precipitation being favored across CA, with greatest chances for above normal precipitation across the northern Sierra and Northeast CA.

## **8-14 Day Outlook (January 4 – January 10)**

### **Temperatures**

- Below normal temperatures are favored statewide, with greatest likelihood of below normal across Southern CA.

### **Precipitation**

- Leaning toward above normal precipitation being favored across CA.



Information provided by:

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